

Title (en)

ANGLED LIGHT BEAM ROTARY SAW CUT ALIGNMENT DEVICE

Title (de)

SCHNITTAUSRICHTUNGSVORRICHTUNG EINER KREISSÄGE MIT ABGEWINKELTEM LICHTSTRAHL

Title (fr)

DISPOSITIF D'ALIGNEMENT DE DECOUPE DE SCIE ROTATIVE A FAISCEAU DE LUMIERE ANGULAIRE

Publication

**EP 1450991 A1 20040901 (EN)**

Application

**EP 02753424 A 20020731**

Priority

- US 0224264 W 20020731
- US 30915701 P 20010731

Abstract (en)

[origin: WO03011538A1] A cut alignment device (10) for a rotary saw having a motor which spins a cutting unit which includes a rotary shaft driven by the motor, a circular blade having a central aperture through which the shaft fits, and a blade mounting device (12) for holding the blade on the shaft. The cut alignment device includes a battery power source (25) carried by the cutting unit and a beam light source (32), carried by the cutting unit such that it is operatively connected to the power source. The light source projects a light beam at a shallow angle (35) from the cutting directed to intersect the plane of the rotary cutting tool or saw blade, to assist the operator in cutting accurately.

IPC 1-7

**B26D 7/00**; B23D 45/16; B23D 59/00

IPC 8 full level

**B23D 59/00** (2006.01); **B23Q 17/24** (2006.01)

CPC (source: EP US)

**B23D 59/003** (2013.01 - EP US); **B23Q 17/2404** (2013.01 - EP US); **Y10T 83/768** (2015.04 - EP US); **Y10T 83/7726** (2015.04 - EP US); **Y10T 83/828** (2015.04 - EP US); **Y10T 83/839** (2015.04 - EP US); **Y10T 83/856** (2015.04 - EP US); **Y10T 83/9372** (2015.04 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03011538 A1 20030213**; EP 1450991 A1 20040901; EP 1450991 A4 20050316; US 2003116000 A1 20030626; US 6915727 B2 20050712

DOCDB simple family (application)

**US 0224264 W 20020731**; EP 02753424 A 20020731; US 20750202 A 20020729